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EMPLOYMENT, HOURS AND EARNINGS

IN
VIRGINIA
AND ITS
METROPOLITAN AREAS

AUGUST, 1984

Virginia Employment Commission
Research and Analysis Division
Post Office Box 1358
Richmond, Virginia 23211

EMPLOYMENT, HOURS AND EARNINGS

Volume 34, Number 8

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CONTENTS

Page

Employment Development, July 1984 ..... 1 & 4

Not Seasonally Adjusted

Employment

State of Virginia

A- 1. Employees on Nonagricultural Payrolls, by Industry, July 1984 ..... 2 & 3
A- 2. Employees on Nonagricultural Payrolls, by Industry Division, 1974 to Date 5
A- 3. Female Employees on Nonagricultural Payrolls, by Industry, July 1984 ..... 6 & 7
A- 4. Production Workers on Manufacturing Payrolls, by Industry, July 1984 8

Standard Metropolitan Areas - Employees on Nonagricultural Payrolls, by Industry, July 1984

A- 5. Bristol (Virginia Portion) 9
A- 6. Charlottesville 9
A- 7. Danville 10
A- 8. Lynchburg 10
A- 9. Newport News 11
A- 10. Norfolk-Virginia Beach-Portsmouth 11
A- 11. Northern Virginia (Virginia Portion) 12
A- 12. Petersburg 12
A- 13. Richmond 13
A- 14. Roanoke 13

Gross Hours and Earnings of Production Workers on Manufacturing Payrolls, by Industry, July 1984

C- 1. State of Virginia 14
C- 2. Bristol Area 15
C- 3. Charlottesville SMSA 15
C- 4. Danville SMSA 16
C- 5. Lynchburg SMSA 16
C- 6. Norfolk-Virginia Beach-Portsmouth SMSA 17
C- 7. Northern Virginia Area 17
C- 8. Petersburg SMSA 18
C- 9. Richmond SMSA 18
C- 10. Roanoke SMSA 19

Seasonally Adjusted

D- 1. Employees on Virginia Nonagricultural Payrolls, by Industry, July 1984 20
D- 2. Employees on Virginia Nonagricultural Payrolls, by Industry Division, 1974 to Date 21
D- 3. Weekly Hours of Virginia Manufacturing Production Workers, by Industry, July 1984 22

Consumer Price Index

E- 1. Consumer Price Index for All Urban Consumers, January 1970 to July 1984 19

Explanatory Notes

VIRGINIA'S NONFARM EMPLOYMENT DROPS DURING JULY

EMPLOYMENT IN NONAGRICULTURAL ESTABLISHMENTS IN VIRGINIA DECLINED DURING JULY 1984 BY 29,800 WORKERS TO A TOTAL OF 2,285,600. This downturn was not unusual and followed the normal trend for July. The release of nonteaching personnel and students that were hired for the school year was the prime reason for the over-the-month decline. Private, state and local schools were all involved in the summer layoffs. With these reductions being centered in the government and services categories, the only other major industrial division to be in the minus column was manufacturing and this was minimal. Even with the current downswing in total workers, nonagricultural employment across the state was 70,200 above July 1983 levels.

SERVICES EMPLOYMENT MOVED DOWNWARD DURING THE JULY SURVEY PERIOD 1,400 WORKERS. Many private elementary and secondary schools closed for the summer or operated with a limited number of employees. Colleges that are privately operated also greatly reduced the number of working students during this period. Most tourist-related businesses had made the bulk of their hirings by mid-June; therefore, hotels and other lodging places, and amusement and recreational centers recorded little fluctuations in employment. Business service establishments took up some of the slack by using more people, particularly temporary help supply service and other personnel service agencies. The decline in government employment was caused by the same situation that existed in the services division. Both state and local school systems released nonteaching personnel and students on state college payrolls were off for the summer.

THE TRADE AND CONSTRUCTION SEGMENTS OF THE ECONOMY WERE THE BIG GAINERS IN EMPLOYMENT DURING JULY 1984 - EACH INCREASED 3,300. Despite reported declines in July's retail sales, employment moved ahead. Much of the uptrend was centered in eating and drinking places. Some fast-food chains were expanding and needed more workers. This coupled with increased activity in the resort areas resulted in the higher workforce. Increased summer business by automobile dealers and service stations also boosted employment. While the construction industry, as a whole nationally, reported a decline in housing starts, employment in this group in Virginia trended up. All phases of construction posted worker gains. Warm weather accelerated work at many sites. Although a continued rise in rates on conventional fixed-rate mortgages has dampened the outlook of the housing industry, real estate agencies found the need to employ more people to assist customers with buying, selling and/or renting houses and apartments. All other parts of the financial traffic were dormant during July's reporting period. Along with the increases in these three industrial divisions, both the mining, and transportation and public utilities sectors reported small, scattered increases in payrolls.

Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS JULY 1984	JUNE 1984	JULY 1983	NET CHANGE FROM JUNE 1984	JULY 1983
TOTAL NONAGRICULTURAL	2,285.6	2,315.4	2,215.4	- 29.8	70.2
MANUFACTURING	413.0	413.3	402.5	- .3	10.5
DURABLE GOODS	194.2	194.8	184.7	- .6	9.5
LUMBER AND WOOD PRODUCTS	22.8	22.9	21.8	- .1	1.0
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	5.9	6.0	5.9	- .1	.0
WOOD CONTAINERS	1.9	1.9	1.6	.0	.3
FURNITURE AND FIXTURES	23.3	24.2	23.2	- .9	.1
HOUSEHOLD AND OFFICE FURNITURE	22.4	23.2	22.1	- .8	.3
STONE, CLAY & GLASS PRODUCTS	13.4	13.4	12.6	.0	.8
CONCRETE, GYPSUM AND PLASTER PRODUCTS	6.4	6.3	5.7	.1	.7
PRIMARY METAL INDUSTRIES	10.9	11.2	10.1	- .3	.8
FABRICATED METAL PRODUCTS	18.7	18.6	18.3	.1	.4
FABRICATED STRUCTURAL METAL PRODUCTS	11.3	11.2	11.3	.1	.0
MACHINERY EXCEPT ELECTRICAL	15.5	15.3	12.7	.2	2.8
CONSTRUCTION AND RELATED MACHINERY	3.7	3.7	3.0	.0	.7
SPECIAL INDUSTRY MACHINERY	1.5	1.5	1.6	.0	- .1
ELECTRIC & ELECTRONIC EQUIPMENT	40.0	39.9	38.0	.1	2.0
COMMUNICATION EQUIPMENT	13.0	13.0	12.6	.0	.4
ELECTRONIC COMPONENTS AND ACCESSORIES	8.2	8.2	7.6	.0	.6
TRANSPORTATION EQUIPMENT	43.1	43.2	41.7	- .1	1.4
INSTRUMENTS & RELATED PRODUCTS	3.5	3.4	3.4	.1	.1
MISC. MANUFACTURING INDUSTRIES	2.9	2.8	2.8	.1	.1
NONDURABLE GOODS	218.9	218.5	217.9	.4	1.0
FOOD & KINDRED PRODUCTS	38.1	37.6	38.4	.5	- .3
MEAT PRODUCTS	12.1	12.0	12.5	.1	- .4
DAIRY PRODUCTS	2.5	2.5	2.5	.0	.0
BAKERY PRODUCTS	4.8	4.7	4.6	.1	.2
BEVERAGES	5.6	5.5	5.5	.1	.1
TOBACCO MANUFACTURES	13.7	13.8	16.5	- .1	- 2.8
CIGARETTES	12.3	12.5	14.6	- .2	- 2.1
CIGARS AND CHEWING AND SMOKING TOBACCO	0.4	0.4	0.4	.0	.0
TOBACCO STEMMING AND REDRYING	1.0	0.9	1.5	.0	- .6
TEXTILE MILL PRODUCTS	43.7	43.7	43.2	.0	.5
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	16.7	16.8	17.2	- .1	- .5
NARROW FABRIC MILLS	0.9	0.9	0.7	.0	.2
KNITTING MILLS	17.3	17.1	16.7	.2	.6
TEXTILE FINISHING EXCEPT WOOL	3.4	3.5	3.6	- .1	- .2
YARN AND THREAD MILLS	2.8	2.8	2.5	.0	.3
MISC. TEXTILE GOODS	1.3	1.3	1.3	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	31.3	31.9	30.9	- .6	.4
MENS & BOYS SUITS, COATS AND FURNISHINGS	10.1	10.6	10.6	- .5	- .5
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	16.9	17.0	16.6	- .1	.3
PAPER & ALLIED PRODUCTS	15.4	15.3	14.6	.1	.8
PULP, PAPER & PAPERBOARD	7.9	7.8	7.7	.1	.2
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	7.0	6.9	6.4	.1	.6
PAPERBOARD CONTAINERS AND BOXES	3.8	3.9	3.7	- .1	.1
PRINTING AND PUBLISHING	26.0	26.0	25.3	.0	.7
NEWSPAPER AND PERIODICALS	9.8	9.8	9.3	.0	.5
COMMERCIAL PRINTING	10.7	10.6	10.3	.1	.4
CHEMICALS & ALLIED PRODUCTS	32.5	32.3	32.4	.2	.1
PLASTICS MATERIALS AND SYNTHETICS	19.2	19.1	19.1	.1	.1
MISC. CHEMICAL PRODUCTS	5.1	5.0	4.5	.1	.6
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	14.6	14.4	13.0	.2	1.6
MISC. PLASTICS PRODUCTS	8.2	8.1	7.1	.1	1.1
RUBBER & RUBBER PRODUCTS	6.0	6.0	5.6	.0	.4
LEATHER & LEATHER PRODUCTS	3.4	3.4	3.5	.0	- .1

(Continued on page 3)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 2)

INDUSTRY GROUP	JULY 1984	JUNE 1984	JULY 1983	JUNE 1984	JULY 1983
NONMANUFACTURING	1,872.5	1,902.1	1,812.9	- 29.6	59.6
MINING	19.5	19.4	17.5	.1	2.0
BITUMINOUS COAL AND LIGNITE MINING	16.7	16.6	14.9	.1	1.8
CONSTRUCTION	135.7	132.4	120.7	3.3	15.0
TRANSPORTATION & PUBLIC UTILITIES	126.3	125.9	121.2	.4	5.1
RAILROAD TRANSPORTATION	14.3	14.3	13.3	.0	1.0
TRUCKING & WAREHOUSING	29.1	29.1	26.9	.0	2.2
TRANSPORTATION BY AIR	14.0	13.9	13.7	.1	.3
COMMUNICATION	35.3	35.2	34.2	.1	1.1
ELECTRIC, GAS & SANITARY SERVICES	19.1	19.0	18.7	.1	.4
WHOLESALE & RETAIL TRADE	510.3	507.0	479.5	3.3	30.8
WHOLESALE TRADE	112.8	112.6	108.9	.2	3.9
WHOLESALE TRADE - DURABLE GOODS	71.6	71.2	68.1	.4	3.5
WHOLESALE TRADE - NONDURABLE GOODS	41.2	41.3	40.9	- .1	.3
RETAIL TRADE	397.4	394.4	370.6	3.0	26.8
GENERAL MERCHANDISE STORES	55.9	56.3	52.2	- .4	3.7
DEPARTMENT STORES	45.2	45.4	41.1	- .2	4.1
VARIETY STORES	9.3	9.4	9.7	- .1	- .4
FOOD STORES	64.2	63.9	62.0	.3	2.2
AUTOMOTIVE DEALERS AND SERVICE STATIONS	48.6	48.0	46.3	.6	2.3
APPAREL & ACCESSORY STORES	20.9	20.8	19.9	.1	1.0
FURNITURE AND HOME FURNISHING STORES	20.2	20.0	18.1	.2	2.1
EATING & DRINKING PLACES	122.1	120.5	110.9	1.6	11.2
MISCELLANEOUS RETAIL	50.5	49.8	47.4	.7	3.1
FINANCE, INSURANCE AND REAL ESTATE	118.3	117.2	112.7	1.1	5.6
BANKING	34.4	34.4	33.6	.0	.8
CREDIT AGENCIES OTHER THAN BANKS	14.9	14.9	13.6	.0	1.3
SECURITY, COMMODITY BROKERS & SERVICES	3.7	3.7	3.2	.0	.5
INSURANCE CARRIERS	20.6	20.6	20.7	.0	- .1
REAL ESTATE	31.7	30.5	29.4	1.2	2.3
SERVICES	480.9	482.3	471.4	- 1.4	9.5
HOTELS AND OTHER LODGING PLACES	37.3	37.1	37.3	.2	.0
PERSONAL SERVICES	27.1	27.5	26.3	- .4	.8
BUSINESS SERVICES	110.4	109.4	104.8	1.0	5.6
AUTO REPAIR SERVICES & GARAGES	14.1	14.5	13.5	- .4	.6
MISC. REPAIR SERVICES	6.5	6.5	6.0	.0	.5
MOTION PICTURES	3.8	3.6	3.4	.2	.4
AMUSEMENT AND RECREATION SERVICES	19.6	19.5	19.1	.1	.5
HEALTH SERVICES	120.9	120.4	119.9	.5	1.0
HOSPITALS	63.2	63.3	65.1	- .1	- 1.9
EDUCATIONAL SERVICES	18.8	22.1	21.5	- 3.3	- 2.7
GOVERNMENT	481.7	518.0	489.8	- 36.3	- 8.1
FEDERAL GOVERNMENT	166.8	166.7	165.4	.1	1.4
STATE & LOCAL GOVERNMENT	314.9	351.2	324.4	- 36.3	- 9.5
STATE GOVERNMENT	108.3	120.7	111.2	- 12.4	- 2.9
LOCAL GOVERNMENT	206.5	230.6	213.2	- 24.1	- 6.7

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to first quarter 1983 benchmark levels.

NOTE: Detail may not add to totals because of rounding.

VIRGINIA NONFARM EMPLOYMENT DROPS DURING JULY
(continued from page 1)

MANUFACTURING EMPLOYMENT REGISTERED A VERY MODEST DECLINE (-300) OVER THE MONTH. Trends were somewhat mixed among nondurable goods producers. Seasonal aspects of the food industry resulted in an increase in totals. Chemical plants and plastic products producers recorded small uptrends. These increases were softened by several apparel and textile plants noting closings for extended unpaid vacation periods. This was not an unusual occurrence for July. A parallel condition existed among furniture and fixture producers--employees on unpaid vacations. Other changes in the durable goods sector were small. Virginia's 313,600 factory production workers earned an average weekly earning of $326.83, which was an over-the-month decline of $1.21. Over the year weekly earnings have increased $18.87. Average hourly earnings rose three cents between June and July 1984 to $8.11. A rise of 39 cents was recorded when comparing July 1983 with July 1984. At 40.3 hours, average weekly hours declined four-tenths of an hour over the month. However, over the year an increase of four-tenths of an hour occurred.

THE U. S. DEPARTMENT OF LABOR'S BUREAU OF LABOR STATISTICS' ALL URBAN CONSUMER PRICE INDEX (CPI-U) WAS 311.7 (1967=100) FOR JULY 1984. This was a monthly rise of 0.3 percent and a yearly gain of 4.1 percent. The Urban Wage Earners and Clerical Workers Index (CPI-W) rose 0.4 percent to 307.5 (1967=100). The over-the-year increase was 3.1 percent. Index figures for August 1984 will be available September 21, 1984, and may be obtained by calling (804) 786-4490.

Table A-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1974 – 1983
JANUARY 1980 TO DATE
(IN THOUSANDS)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services	Government 1/
Annual Average									
1974	1,804.3	401.9	18.1	132.9	106.2	368.6	84.3	286.4	405.9
1975	1,778.7	371.5	20.9	112.0	102.6	368.0	84.0	296.9	422.8
1976	1,848.1	387.7	21.8	111.8	104.4	386.7	86.3	312.8	436.6
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,115.0	413.8	23.3	138.4	114.2	443.9	104.4	383.5	493.5
1980	2,157.2	413.8	22.7	128.3	115.8	451.2	105.9	408.3	511.2
1981	2,160.8	414.0	21.7	116.3	117.6	460.4	106.1	418.3	506.6
1982	2,146.4	397.2	22.1	103.8	119.0	462.4	106.9	434.8	500.1
1983	2,195.5	400.3	17.5	112.7	119.2	475.6	109.7	457.5	503.1
1980:									
January	2,108.8	415.3	22.4	124.5	112.7	441.7	104.3	386.3	501.6
February	2,102.8	416.4	22.1	120.3	112.6	435.3	104.1	388.1	503.9
March	2,118.0	416.9	22.2	122.7	113.2	437.8	104.4	393.8	507.0
April	2,150.0	414.2	22.7	128.8	115.5	446.0	104.8	406.1	511.9
May	2,163.0	413.0	22.8	131.7	115.8	449.0	105.7	410.0	515.0
June	2,179.6	410.7	23.0	134.1	117.1	450.6	107.6	418.1	518.4
July	2,159.9	403.8	22.8	134.0	117.1	451.4	108.0	419.2	503.6
August	2,172.4	411.1	22.9	134.3	117.5	454.3	108.0	421.1	503.2
September	2,180.2	414.1	22.8	131.5	116.6	455.5	106.9	416.8	516.0
October	2,180.0	416.8	22.8	129.1	116.8	457.3	105.9	416.3	515.0
November	2,180.9	416.9	22.9	126.3	117.0	463.1	105.6	411.9	517.2
December	2,188.8	415.7	22.9	122.8	117.4	472.4	106.1	411.3	520.2
1981:									
January	2,124.0	411.4	22.5	108.9	114.4	451.0	104.5	399.7	511.6
February	2,122.4	411.1	22.6	108.3	114.5	447.4	104.3	400.4	513.8
March	2,140.0	413.0	22.7	113.0	115.0	448.7	105.1	406.8	515.8
April	2,153.3	414.0	13.1	118.6	115.8	454.9	105.1	416.7	515.2
May	2,168.8	414.9	13.1	120.9	115.6	460.3	106.0	420.7	517.3
June	2,193.0	416.3	22.6	122.9	118.6	462.8	107.9	427.1	514.9
July	2,178.4	413.0	23.1	123.7	120.4	463.0	108.8	428.5	497.9
August	2,179.9	416.2	23.5	121.7	120.2	464.5	108.5	431.1	494.0
September	2,172.2	418.2	24.0	118.6	119.8	464.5	107.3	428.0	491.7
October	2,164.9	414.8	24.5	116.3	119.3	465.0	105.1	422.1	498.0
November	2,165.1	413.6	24.4	112.8	118.9	467.3	104.9	419.9	503.3
December	2,167.5	411.0	24.6	109.4	118.5	474.8	105.5	418.7	505.1
1982:									
January	2,104.1	400.8	24.1	93.4	117.0	452.0	104.4	413.5	499.0
February	2,104.3	400.8	23.8	94.1	116.8	447.1	104.5	416.7	500.5
March	2,115.1	398.1	24.0	96.8	116.7	447.2	104.7	422.2	505.4
April	2,149.2	397.4	24.6	102.9	118.8	456.1	106.1	432.8	510.6
May	2,160.4	396.3	24.0	107.0	119.8	460.6	106.9	435.1	510.7
June	2,180.2	397.6	22.5	108.3	120.7	463.6	108.6	444.6	514.3
July	2,152.9	395.6	21.9	109.6	119.8	466.0	108.9	446.7	484.3
August	2,153.9	396.0	21.6	109.1	120.5	467.4	108.8	446.8	483.8
September	2,159.2	398.1	21.3	108.1	120.0	467.7	108.0	445.4	490.6
October	2,156.1	398.2	20.5	106.7	119.8	467.8	106.9	440.0	496.2
November	2,160.4	395.0	19.6	106.1	119.2	472.8	107.3	437.2	503.3
December	2,161.2	392.9	17.8	103.5	119.2	480.9	107.5	436.9	502.4
1983:									
January	2,121.8	388.5	20.3	97.2	117.8	459.7	105.8	437.8	498.1
February	2,115.9	388.8	16.5	95.8	116.6	450.1	106.0	438.8	503.4
March	2,139.6	391.6	16.6	99.6	118.2	455.8	106.5	446.4	504.9
April	2,168.0	394.1	17.1	106.6	118.7	465.4	107.7	453.9	504.5
May	2,192.5	396.6	17.2	111.8	119.8	473.0	108.8	458.3	507.0
June	2,232.1	401.5	17.4	117.6	120.5	478.6	111.5	468.7	516.3
July	2,215.4	402.5	17.5	120.7	121.2	479.5	112.7	471.4	489.8
August	2,199.6	403.4	17.9	121.9	109.6	482.1	112.9	468.7	483.1
September	2,229.5	407.7	18.1	120.8	121.2	483.1	111.1	465.5	502.0
October	2,238.2	410.3	18.3	120.9	122.1	484.9	111.1	462.3	508.3
November	2,224.0	410.9	18.3	120.6	121.5	491.2	111.0	459.3	509.2
December	2,251.5	407.6	18.4	118.8	122.7	503.6	111.5	458.8	510.2
1984:									
January	2,216.4	405.8	18.1	113.4	120.2	484.6	111.8	454.5	508.0
February	2,224.1	407.7	18.2	113.2	121.2	483.8	112.5	457.6	509.8
March	2,240.3	409.0	18.5	115.3	121.5	488.3	112.5	462.2	513.0
April	2,265.0	410.4	18.8	121.7	123.3	495.3	113.8	469.2	512.5
May	2,286.1	411.4	19.0	126.3	124.3	502.2	114.7	473.3	514.8
June	2,315.4	413.3	19.4	132.4	125.9	507.0	117.2	482.3	518.0
July	2,285.6	413.0	19.5	135.7	126.3	510.3	118.3	480.9	481.7

See footnote Table A-1

Table A-3.

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS JULY 1984	JUNE 1984	JULY 1983	NET CHANGE FROM JUNE 1984	JULY 1983
TOTAL NONAGRICULTURAL	1,004.7	1,026.3	971.1	- 21.6	33.6
MANUFACTURING	145.8	146.2	142.6	- .4	3.2
DURABLE GOODS	51.1	51.6	48.8	- .5	2.3
LUMBER AND WOOD PRODUCTS	4.2	4.3	4.2	- .1	.0
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	1.6	1.7	1.8	- .1	- .2
WOOD CONTAINERS	0.4	0.4	0.3	.0	.1
FURNITURE AND FIXTURES	9.2	9.6	8.7	- .4	.5
HOUSEHOLD AND OFFICE FURNITURE	8.9	9.3	8.4	- .4	.5
STONE, CLAY & GLASS PRODUCTS	1.9	1.9	1.9	.0	.0
CONCRETE, GYPSUM AND PLASTER PRODUCTS	0.5	0.5	0.4	.0	.1
PRIMARY METAL INDUSTRIES	2.3	2.3	2.2	.0	.1
FABRICATED METAL PRODUCTS	3.6	3.5	3.8	.1	- .2
FABRICATED STRUCTURAL METAL PRODUCTS	1.4	1.3	1.6	.1	- .2
MACHINERY EXCEPT ELECTRICAL	2.8	2.7	2.3	.1	.5
CONSTRUCTION AND RELATED MACHINERY	0.4	0.4	0.4	.0	.0
SPECIAL INDUSTRY MACHINERY	0.2	0.2	0.2	.0	.0
ELECTRIC & ELECTRONIC EQUIPMENT	17.7	17.8	16.6	- .1	1.1
COMMUNICATION EQUIPMENT	6.0	6.0	5.7	.0	.3
ELECTRONIC COMPONENTS AND ACCESSORIES	3.4	3.5	3.1	- .1	.3
TRANSPORTATION EQUIPMENT	6.4	6.4	6.1	.0	.3
INSTRUMENTS & RELATED PRODUCTS	1.9	1.9	1.9	.0	.0
MISC. MANUFACTURING INDUSTRIES	1.1	1.2	1.1	- .1	.0
NONDURABLE GOODS	94.7	94.6	93.8	.1	.9
FOOD & KINDRED PRODUCTS	14.0	13.4	14.1	.6	- .1
MEAT PRODUCTS	5.2	4.8	5.4	.4	- .2
DAIRY PRODUCTS	0.5	0.5	0.5	.0	.0
BAKERY PRODUCTS	1.4	1.5	1.1	- .1	.3
BEVERAGES	0.8	0.8	0.9	.0	- .1
TOBACCO MANUFACTURES	2.6	2.5	2.7	.1	- .1
CIGARETTES	2.2	2.1	2.2	.1	.0
CIGARS AND CHEWING AND SMOKING TOBACCO	0.1	0.1	0.1	.0	.0
TOBACCO STEMMING AND REDRYING	0.3	0.3	0.4	.0	- .1
TEXTILE MILL PRODUCTS	24.4	24.4	24.2	.0	.2
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	7.6	7.6	7.9	.0	- .3
NARROW FABRIC MILLS	0.5	0.5	0.4	.0	.1
KNITTING MILLS	12.6	12.5	12.3	.1	.3
TEXTILE FINISHING EXCEPT WOOL	1.3	1.3	1.4	.0	- .1
YARN AND THREAD MILLS	1.5	1.5	1.3	.0	.2
MISC. TEXTILE GOODS	0.5	0.5	0.4	.0	.1
APPAREL & OTHER TEXTILE PRODUCTS	27.5	28.1	27.3	- .6	.2
MENS & BOYS SUITS, COATS AND FURNISHINGS	8.9	9.3	9.4	- .4	- .5
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	15.5	15.6	15.1	- .1	.4
PAPER & ALLIED PRODUCTS	2.8	2.8	2.6	.0	.2
PULP, PAPER & PAPERBOARD	0.9	0.9	0.9	.0	.0
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	1.9	1.9	1.7	.0	.2
PAPERBOARD CONTAINERS AND BOXES	0.8	0.8	0.7	.0	.1
PRINTING AND PUBLISHING	8.6	8.6	8.8	.0	- .2
NEWSPAPER AND PERIODICALS	3.5	3.6	3.5	- .1	.0
COMMERCIAL PRINTING	2.6	2.5	2.7	.1	- .1
CHEMICALS & ALLIED PRODUCTS	9.3	9.2	8.8	.1	.5
PLASTICS MATERIALS AND SYNTHETICS	5.1	5.1	5.0	.0	.1
MISC. CHEMICAL PRODUCTS	1.1	1.0	0.9	.1	.2
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	3.0	3.1	2.7	- .1	.3
MISC. PLASTICS PRODUCTS	2.3	2.4	2.0	- .1	.3
RUBBER & RUBBER PRODUCTS	0.7	0.7	0.7	.0	.0
LEATHER & LEATHER PRODUCTS	2.4	2.5	2.6	- .1	- .2

(Continued on page 7)

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	JULY 1984	JUNE 1984	JULY 1983	JUNE 1984	JULY 1983
NONMANUFACTURING	859.0	880.0	828.5	- 21.0	30.5
MINING	1.1	1.1	1.1	.0	.0
BITUMINOUS COAL AND LIGNITE MINING	0.9	0.8	0.8	.1	.1
CONSTRUCTION	10.7	10.7	9.8	.0	.9
TRANSPORTATION & PUBLIC UTILITIES	36.1	36.0	34.0	.1	2.1
RAILROAD TRANSPORTATION	1.7	1.8	1.7	- .1	.0
TRUCKING & WAREHOUSING	3.3	3.2	3.1	.1	.2
TRANSPORTATION BY AIR	5.7	5.5	5.4	.2	.3
COMMUNICATION	17.1	17.0	16.5	.1	.6
ELECTRIC, GAS & SANITARY SERVICES	4.5	4.5	4.3	.0	.2
WHOLESALE & RETAIL TRADE	229.9	228.1	212.1	1.8	17.8
WHOLESALE TRADE	27.6	27.5	26.8	.1	.8
WHOLESALE TRADE - DURABLE GOODS	17.3	17.1	16.3	.2	1.0
WHOLESALE TRADE - NONDURABLE GOODS	10.3	10.4	10.5	- .1	- .2
RETAIL TRADE	202.3	200.6	185.3	1.7	17.0
GENERAL MERCHANDISE STORES	36.8	36.8	34.4	.0	2.4
DEPARTMENT STORES	30.0	29.9	27.2	.1	2.8
VARIETY STORES	6.0	6.0	6.4	.0	- .4
FOOD STORES	28.6	28.3	25.2	.3	3.4
AUTOMOTIVE DEALERS AND SERVICE STATIONS	10.3	10.3	10.0	.0	.3
APPAREL & ACCESSORY STORES	15.3	15.2	14.3	.1	1.0
FURNITURE AND HOME FURNISHING STORES	7.3	7.2	6.5	.1	.8
EATING & DRINKING PLACES	71.1	70.1	64.4	1.0	6.7
MISCELLANEOUS RETAIL	29.8	29.4	27.7	.4	2.1
FINANCE, INSURANCE AND REAL ESTATE	69.7	69.0	65.2	.7	4.5
BANKING	25.5	25.5	24.6	.0	.9
CREDIT AGENCIES OTHER THAN BANKS	11.0	10.9	9.9	.1	1.1
SECURITY, COMMODITY BROKERS & SERVICES	1.7	1.7	1.5	.0	.2
INSURANCE CARRIERS	12.3	12.3	12.2	.0	.1
REAL ESTATE	12.7	12.0	10.9	.7	1.8
SERVICES	272.1	272.7	263.6	- .6	8.5
HOTELS AND OTHER LODGING PLACES	19.3	19.2	19.3	.1	.0
PERSONAL SERVICES	17.6	17.6	17.4	.0	.2
BUSINESS SERVICES	47.3	46.4	42.4	.9	4.9
AUTO REPAIR SERVICES & GARAGES	2.9	3.1	2.8	- .2	.1
MISC. REPAIR SERVICES	1.7	1.7	1.5	.0	.2
MOTION PICTURES	2.0	1.9	1.6	.1	.4
AMUSEMENT AND RECREATION SERVICES	5.6	5.6	7.3	.0	1.5
HEALTH SERVICES	99.3	98.8	98.8	.5	.5
HOSPITALS	52.6	52.6	54.4	.0	- 1.8
EDUCATIONAL SERVICES	10.7	12.6	12.1	- 1.9	- 1.4
GOVERNMENT	239.4	262.5	242.7	- 23.1	- 3.3
FEDERAL GOVERNMENT	66.0	66.1	65.3	- .1	.7
STATE & LOCAL GOVERNMENT	173.3	196.4	177.4	- 23.1	- 4.1
STATE GOVERNMENT	54.3	59.7	55.3	- 5.4	- 1.0
LOCAL GOVERNMENT	119.0	136.8	122.2	- 17.8	- 3.2

See footnote Table A-1.

Table A-4. ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS JULY 1984	JUNE 1984	JULY 1983	NET CHANGE FROM JUNE 1984	JULY 1983
MANUFACTURING	313.6	313.8	304.4	- .2	9.2
DURABLE GOODS	143.5	144.3	135.0	- .8	8.5
LUMBER AND WOOD PRODUCTS	19.7	19.7	18.8	.0	.9
MILLWORK, PLYWOOD AND STRUCTURAL MEMBERS	4.9	5.0	4.9	- .1	.0
WOOD CONTAINERS	1.8	1.7	1.5	.1	.3
FURNITURE AND FIXTURES	19.7	20.6	19.7	- .9	.0
HOUSEHOLD AND OFFICE FURNITURE	19.1	20.0	19.0	- .9	.1
STONE, CLAY & GLASS PRODUCTS	10.7	10.7	9.9	.0	.8
CONCRETE, GYPSUM AND PLASTER PRODUCTS	5.1	4.9	4.4	.2	.7
PRIMARY METAL INDUSTRIES	6.1	6.4	5.6	- .3	.5
FABRICATED METAL PRODUCTS	12.7	12.5	11.1	.2	1.6
FABRICATED STRUCTURAL METAL PRODUCTS	6.8	6.6	5.6	.2	1.2
MACHINERY EXCEPT ELECTRICAL	11.1	10.9	8.6	.2	2.5
CONSTRUCTION AND RELATED MACHINERY	2.4	2.3	1.7	.1	.7
SPECIAL INDUSTRY MACHINERY	0.7	0.7	0.8	.0	- .1
ELECTRIC & ELECTRONIC EQUIPMENT	22.1	22.0	20.8	.1	1.3
COMMUNICATION EQUIPMENT	7.2	7.1	6.9	.1	.3
ELECTRONIC COMPONENTS AND ACCESSORIES	2.2	2.3	2.1	- .1	.1
TRANSPORTATION EQUIPMENT	36.7	36.9	35.6	- .2	1.1
INSTRUMENTS & RELATED PRODUCTS	2.4	2.3	2.5	.1	- .1
MISC. MANUFACTURING INDUSTRIES	2.3	2.3	2.3	.0	.0
NONDURABLE GOODS	170.2	169.5	169.5	.7	.7
FOOD & KINDRED PRODUCTS	28.3	27.5	28.6	.8	- .3
MEAT PRODUCTS	9.2	9.6	10.4	.3	- .5
DAIRY PRODUCTS	1.4	1.4	1.5	.0	- .1
BAKERY PRODUCTS	2.9	2.9	2.3	.0	.6
BEVERAGES	2.6	2.6	2.6	.0	.0
TOBACCO MANUFACTURES	10.0	9.9	11.7	.1	- 1.7
CIGARETTES	9.3	9.1	10.4	.2	- 1.1
CIGARS AND CHEWING AND SMOKING TOBACCO	0.3	0.3	0.3	.0	.0
TOBACCO STEMMING AND REDRYING	0.5	0.5	1.0	.0	- .5
TEXTILE MILL PRODUCTS	39.5	39.5	38.9	.0	.6
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	14.8	14.9	15.1	- .1	- .3
NARROW FABRIC MILLS	0.7	0.7	0.7	.0	.0
KNITTING MILLS	16.1	15.9	15.4	.2	.7
TEXTILE FINISHING EXCEPT WOOL	3.0	3.1	3.1	- .1	- .1
YARN AND THREAD MILLS	2.6	2.6	2.4	.0	.2
MISC. TEXTILE GOODS	1.1	1.1	1.1	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	28.4	28.9	28.4	- .5	.0
MENS & BOYS SUITS, COATS AND FURNISHINGS	9.3	9.7	9.8	- .4	- .5
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	15.3	15.5	15.4	- .2	- .1
PAPER & ALLIED PRODUCTS	11.7	11.6	11.0	.1	.7
PULP, PAPER & PAPERBOARD	5.3	5.3	5.1	.0	.2
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	5.9	5.9	5.4	.0	.5
PAPERBOARD CONTAINERS AND BOXES	3.2	3.2	3.1	.0	.1
PRINTING AND PUBLISHING	15.3	15.4	15.4	- .1	- .1
NEWSPAPER AND PERIODICALS	3.4	3.4	3.2	.0	.2
COMMERCIAL PRINTING	8.3	8.4	8.5	- .1	- .2
CHEMICALS & ALLIED PRODUCTS	22.5	22.3	22.2	.2	.3
PLASTICS MATERIALS AND SYNTHETICS	14.5	14.3	14.2	.2	.3
MISC. CHEMICAL PRODUCTS	3.2	3.2	2.7	.0	.5
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	11.5	11.3	10.0	.2	1.5
MISC. PLASTICS PRODUCTS	6.5	6.3	5.4	.2	1.1
RUBBER & RUBBER PRODUCTS	4.8	4.8	4.4	.0	.4
LEATHER & LEATHER PRODUCTS	3.0	3.1	3.2	- .1	- .2

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.

BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	JULY 1984	JUNE 1984	JULY 1983	JUNE 1984	JULY 1983
TOTAL NONAGRICULTURAL	27.7	27.6	25.6	.1	2.1
MANUFACTURING	9.7	9.5	8.0	.2	1.7
DURABLE GOODS	5.4	5.2	4.3	.2	1.1
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	0.2	0.2	0.2	.0	.0
STONE, CLAY & GLASS PRODUCTS	0.3	0.3	0.3	.0	.0
PRIMARY METAL INDUSTRY & FABRICATED METAL PRODUCTS	2.1	2.0	1.9	.1	.2
FABRICATED METAL PRODUCTS	1.6	1.6	1.5	.0	.1
MACHINERY & TRANSPORTATION EQUIPMENT	2.7	2.7	2.0	.0	.7
OTHER DURABLE GOODS	0.1	0.1	0.1	.0	.0
NONDURABLE GOODS	4.3	4.3	3.7	.0	.6
FOOD & KINDRED PRODUCTS	1.5	1.5	1.5	.0	.0
TEXTILE MILL PRODUCTS	0.1	0.1	0.1	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	1.7	1.7	1.3	.0	.4
PAPER & ALLIED PRODS. & PRINTING & PUBLISHING	0.5	0.5	0.4	.0	.1
OTHER NONDURABLE GOODS	0.6	0.6	0.5	.0	.1
NONMANUFACTURING	18.1	18.1	17.5	.0	.6
MINING	0.1	0.1	0.1	.0	.0
CONSTRUCTION	1.4	1.3	1.0	.1	.4
TRANSPORTATION & PUBLIC UTILITIES	1.1	1.0	1.1	.1	.0
WHOLESALE & RETAIL TRADE	6.6	6.5	6.5	.1	.1
WHOLESALE TRADE	1.3	1.3	1.3	.0	.0
RETAIL TRADE	5.3	5.2	5.2	.1	.1
FINANCE, INSURANCE AND REAL ESTATE	0.9	0.9	0.9	.0	.0
SERVICES	3.4	3.4	3.4	.0	.0
GOVERNMENT	4.5	4.8	4.5	- .3	.0
FEDERAL GOVERNMENT	0.5	0.5	0.5	.0	.0
STATE & LOCAL GOVERNMENT	4.0	4.3	4.0	- .3	.0

The Bristol, Virginia Area covers the city of Bristol and the counties of Scott and Washington.

NOTE: The category "Other Durable Goods" includes the instruments and related products, and miscellaneous manufacturing industries. The category "Other Nondurable Goods" includes the tobacco, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-6.

CHARLOTTESVILLE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JULY 1984	JUNE 1984	JULY 1983	JUNE 1984	JULY 1983
TOTAL NONAGRICULTURAL	55.8	59.0	56.2	- 3.2	- .4
MANUFACTURING	10.4	10.4	10.5	.0	- .1
DURABLE GOODS	6.8	6.8	6.9	.0	- .1
LUMBER AND WOOD PRODUCTS	0.4	0.4	0.4	.0	.0
FURNITURE AND FIXTURES	0.4	0.4	0.5	.0	- .1
ELECTRIC & ELECTRONIC EQUIPMENT	5.3	5.3	5.4	.0	- .1
OTHER DURABLE GOODS	0.7	0.7	0.7	.0	.0
NONDURABLE GOODS	3.6	3.6	3.6	.0	.0
TEXTILE MILL PRODUCTS	1.2	1.2	1.2	.0	.0
PRINTING AND PUBLISHING	0.7	0.7	0.7	.0	.0
OTHER NONDURABLE GOODS	1.7	1.7	1.7	.0	.0
NONMANUFACTURING	45.4	48.6	45.7	- 3.2	- .3
MINING	0.1	0.1	0.1	.0	.0
CONSTRUCTION	3.2	3.0	3.1	.2	.1
TRANSPORTATION & PUBLIC UTILITIES	1.9	1.8	1.9	.1	.0
WHOLESALE & RETAIL TRADE	9.8	10.0	9.9	- .2	- .1
WHOLESALE TRADE	1.3	1.3	1.3	.0	.0
RETAIL TRADE	8.6	8.7	8.6	- .1	.0
FINANCE, INSURANCE AND REAL ESTATE	2.9	2.9	2.9	.0	.0
SERVICES	9.3	9.3	9.5	.0	- .2
BUSINESS SERVICES	1.5	1.5	1.8	.0	- .3
HEALTH SERVICES	1.7	1.7	1.9	.0	- .2
GOVERNMENT	18.3	21.6	18.4	- 3.3	- .1
FEDERAL GOVERNMENT	1.1	1.1	1.1	.0	.0
STATE & LOCAL GOVERNMENT	17.2	20.5	17.2	- 3.3	.0

The Charlottesville Standard Metropolitan Statistical Area covers the city of Charlottesville and the counties of Albemarle, Fluvanna, and Greene.

NOTE: The category "Other Durable Goods" includes the stone, clay, and glass products; primary metal; fabricated metal products; machinery, except electrical; transportation equipment; instruments and related products; and miscellaneous manufacturing industries. The category "Other Nondurable Goods" includes the food and kindred products, tobacco, apparel and other textile products, paper and allied products, chemical and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

See footnote Table A-1.

Table A-7.

DANVILLE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	JULY 1984	JUNE 1984	JULY 1983	JUNE 1984	JULY 1983
TOTAL NONAGRICULTURAL	39.3	40.3	38.9	- 1.0	.4
MANUFACTURING	18.5	18.6	18.7	- .1	- .2
DURABLE GOODS	3.4	3.4	3.0	.0	.4
LUMBER AND WOOD PRODUCTS	1.1	1.2	1.1	- .1	.0
FABRICATED METAL PRODUCTS	0.6	0.5	0.5	.1	.1
MACHINERY EXCEPT ELECTRICAL	0.1	0.1	0.1	.0	.0
OTHER DURABLE GOODS	1.5	1.5	1.4	.0	.1
NONDURABLE GOODS	15.1	15.2	15.7	- .1	- .6
TOBACCO MANUFACTURES	0.6	0.7	0.7	- .1	- .1
TEXTILE MILL PRODUCTS & APPAREL & OTHER TEXTILE PRODUCTS & LEATHER & LEATHER PRODUCTS	11.3	11.4	11.9	- .1	- .6
APPAREL & OTHER TEXTILE PRODUCTS	1.0	1.0	1.0	.0	.0
PRINTING AND PUBLISHING	0.5	0.5	0.5	.0	.0
OTHER NONDURABLE GOODS	2.6	2.6	2.6	.0	.0
NONMANUFACTURING	20.8	21.7	20.2	- .9	.6
MINING	0.1	0.1	0.1	.0	.0
CONSTRUCTION	1.7	1.6	1.5	.1	.2
TRANSPORTATION & PUBLIC UTILITIES	1.1	1.0	1.0	.1	.1
WHOLESALE & RETAIL TRADE	7.4	7.4	7.3	.0	.1
WHOLESALE TRADE	1.1	1.1	1.1	.0	.0
RETAIL TRADE	6.4	6.4	6.2	.0	.2
FINANCE, INSURANCE AND REAL ESTATE	1.2	1.2	1.1	.0	.1
SERVICES	5.1	5.2	5.0	- .1	.1
GOVERNMENT	4.4	5.2	4.3	- .8	.1
FEDERAL GOVERNMENT	0.3	0.3	0.3	.0	.0
STATE & LOCAL GOVERNMENT	4.0	4.9	4.0	- .9	.0

The Danville Standard Metropolitan Statistical Area covers the city of Danville and the county of Pittsylvania.

NOTE: The category "Other Durable Goods" includes the furniture and fixtures; stone, clay, and glass products; primary metal; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the food and kindred products, paper and allied products, chemicals and allied products, petroleum and coal products, and rubber and plastics products.

Table A-8.

LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	JULY 1984	JUNE 1984	JULY 1983	JUNE 1984	JULY 1983
TOTAL NONAGRICULTURAL	71.0	72.2	69.0	- 1.2	2.0
MANUFACTURING	27.6	27.7	26.4	- .1	1.2
DURABLE GOODS	17.3	17.3	16.2	.0	1.1
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	4.0	3.9	3.8	.1	.2
OTHER DURABLE GOODS	13.3	13.4	12.4	- .1	.9
NONDURABLE GOODS	10.3	10.4	10.3	- .1	.0
FOOD & KINDRED PRODUCTS	1.4	1.4	1.4	.0	.0
TEXTILE MILL PRODUCTS	1.9	1.9	1.8	.0	.1
APPAREL & OTHER TEXTILE PRODUCTS	2.4	2.4	2.5	.0	- .1
PAPER & ALLIED PRODUCTS	1.0	1.0	1.0	.0	.0
OTHER NONDURABLE GOODS	3.7	3.7	3.5	.0	.2
NONMANUFACTURING	43.4	44.5	42.5	- 1.1	.9
MINING	0.1	0.1	0.1	.0	.0
CONSTRUCTION	2.9	2.9	2.8	.0	.1
TRANSPORTATION & PUBLIC UTILITIES	3.1	3.1	2.9	.0	.2
WHOLESALE & RETAIL TRADE	12.6	12.6	12.2	.0	.4
WHOLESALE TRADE	2.3	2.3	2.3	.0	.0
RETAIL TRADE	10.3	10.3	9.9	.0	.4
FINANCE, INSURANCE AND REAL ESTATE	3.3	3.3	3.3	.0	.0
SERVICES	12.4	12.7	12.6	- .3	- .2
GOVERNMENT	9.1	9.8	8.7	- .7	.4
FEDERAL GOVERNMENT	0.6	0.6	0.5	.0	.1
STATE & LOCAL GOVERNMENT	8.5	9.2	8.2	- .7	.3

The Lynchburg Standard Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst, Appomattox, and Campbell.

NOTE: The category "Other Durable Goods" includes the stone, clay, and glass products; primary metal; fabricated metal products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the tobacco, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

See footnote Table A-1.

Table A-9. ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

NEWPORT NEWS-HAMPTON STANDARD METROPOLITAN STATISTICAL AREA

IN THOUSANDS

INDUSTRY GROUP	JULY 1984	JUNE 1984	JULY 1983	JUNE 1984	JULY 1983
TOTAL NONAGRICULTURAL	170.3	170.5	162.9	- .2	7.4
MANUFACTURING	40.1	39.8	39.8	.3	.3
DURABLE GOODS	33.8	33.5	33.4	.3	.4
STONE, CLAY & GLASS PRODUCTS	0.6	0.6	0.5	.0	.1
TRANSPORTATION EQUIPMENT	29.4	29.2	29.3	.2	.1
OTHER DURABLE GOODS	3.8	3.8	3.6	.0	.2
NONDURABLE GOODS	6.3	6.3	6.4	.0	- .1
FOOD & KINDRED PRODUCTS	2.8	2.8	3.1	.0	- .3
TEXTILE MILL PROD & APPAREL & OTHER TEXTILE PRODUCTS	0.2	0.2	0.2	.0	.0
PRINTING AND PUBLISHING	1.1	1.1	1.1	.0	.0
OTHER NONDURABLE GOODS	2.1	2.1	2.0	.0	.1
NONMANUFACTURING	130.2	130.8	123.1	- .6	7.1
MINING	0.1	0.1	0.1	.0	.0
CONSTRUCTION	8.7	8.6	7.2	.1	1.5
TRANSPORTATION & PUBLIC UTILITIES	4.9	4.9	4.8	.0	.1
WHOLESALE & RETAIL TRADE	36.0	35.2	32.3	.8	3.7
WHOLESALE TRADE	4.1	4.1	3.7	.0	.4
RETAIL TRADE	31.9	31.1	28.6	.8	3.3
FINANCE, INSURANCE AND REAL ESTATE	5.5	5.4	5.1	.1	.4
SERVICES	36.7	36.4	34.7	.3	2.0
GOVERNMENT	38.4	40.2	38.9	- 1.8	- .5
FEDERAL GOVERNMENT	17.7	17.6	17.5	.1	.2
STATE & LOCAL GOVERNMENT	20.8	22.6	21.4	- 1.8	- .6

The Newport News-Hamoton Standard Metropolitan Statistical Area covers the cities of Newport News, Hampton, Poquoson, and Williamsburg and the counties of James City, York, and Gloucester.

NOTE: The category "Other Durable Goods" includes the lumber and wood products; furniture and fixtures; primary metal; fabricated metal products; machinery, except electrical; electric and electronic equipment; instruments and related products; and miscellaneous manufacturing industries.

The category "Other Nondurable Goods" includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-10.

NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

IN THOUSANDS

INDUSTRY GROUP	JULY 1984	JUNE 1984	JULY 1983	JUNE 1984	JULY 1983
TOTAL NONAGRICULTURAL	321.2	323.3	306.2	- 2.1	15.0
MANUFACTURING	28.3	28.2	26.3	.1	2.0
DURABLE GOODS	16.5	16.9	15.1	- .4	1.4
LUMBER AND WOOD PRODUCTS	1.4	1.4	1.4	.0	.3
STONE, CLAY & GLASS PRODUCTS	1.9	1.9	1.6	.0	.3
FABRICATED METAL PRODUCTS	1.0	1.0	1.1	.0	- .1
MACHINERY EXCEPT ELECTRICAL	1.4	1.4	1.2	.0	.2
TRANSPORTATION EQUIPMENT	6.7	7.1	5.9	- .4	.8
OTHER DURABLE GOODS	4.1	4.1	3.8	.0	.3
NONDURABLE GOODS	11.8	11.4	11.2	.4	.6
FOOD & KINDRED PRODUCTS	5.0	4.7	5.4	.3	- .4
APPAREL & OTHER TEXTILE PRODUCTS	0.9	1.0	0.9	- .1	.0
PRINTING AND PUBLISHING	2.7	2.7	2.5	.0	.2
CHEMICALS & ALLIED PRODUCTS	0.9	0.9	0.9	.0	.0
AGRICULTURAL CHEMICALS	0.3	0.4	0.4	- .1	- .1
OTHER NONDURABLE GOODS	2.2	2.0	1.4	.2	.8
NONMANUFACTURING	292.8	295.1	279.9	- 2.3	12.9
MINING	3.1	3.1	3.1	.0	.0
CONSTRUCTION	22.9	22.7	19.9	.2	3.0
TRANSPORTATION & PUBLIC UTILITIES	20.3	20.1	20.2	.2	.1
RAILROAD TRANSPORTATION	1.5	1.5	1.4	.0	.1
WHOLESALE & RETAIL TRADE	93.0	81.2	76.4	1.8	6.6
WHOLESALE TRADE	16.3	16.1	15.5	.2	.8
RETAIL TRADE	66.6	65.1	60.9	1.5	5.7
FINANCE, INSURANCE AND REAL ESTATE	16.8	16.6	15.8	.2	1.0
BANKING	4.8	4.7	4.8	.1	.0
INS CARRIERS, AGENTS, BROKERS, & SERVICES	3.0	3.0	3.0	.0	.0
SERVICES	72.6	72.1	67.6	.5	5.0
PERSONAL SERVICES	4.8	4.6	4.6	.0	.2
GOVERNMENT	77.1	82.3	79.9	- 5.2	- 2.8
FEDERAL GOVERNMENT	38.7	38.5	37.9	.2	.8
STATE & LOCAL GOVERNMENT	38.5	43.8	41.9	- 5.3	- 3.4

The Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area covers the cities of Chesapeake, Norfolk, Portsmouth, Suffolk, and Virginia Beach, Virginia and the county of Currituck, North Carolina.

NOTE: The category "Other Durable Goods" includes the furniture and fixtures, primary metal, electric and electronic equipment, instruments and related products, and miscellaneous manufacturing industries.

The category "Other Nondurable Goods" includes the tobacco, textile mill products, paper and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

See footnote Table A-1.

Table A-11.

NORTHERN VIRGINIA AREA

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JULY 1984	JUNE 1984	JULY 1983	JUNE 1984	JULY 1983
TOTAL NONAGRICULTURAL	536.0	539.6	508.9	- 3.6	27.1
MANUFACTURING	28.1	27.9	24.8	.2	3.3
DURABLE GOODS	18.0	17.9	15.9	.1	2.1
STONE, CLAY & GLASS PRODUCTS	1.3	1.3	1.1	.0	.2
FABRICATED METAL PRODUCTS	1.1	1.2	1.1	- .1	.0
MACHINERY EXCEPT ELECTRICAL	1.8	1.8	1.4	.0	.4
ELECTRIC & ELECTRONIC EQUIPMENT	11.2	11.2	10.2	.0	1.0
OTHER DURABLE GOODS	2.5	2.5	2.2	.0	.3
NONDURABLE GOODS	10.0	10.0	8.8	.0	1.2
FOOD & KINDRED PRODUCTS	1.2	1.2	1.0	.0	.2
PRINTING AND PUBLISHING	6.9	6.9	6.1	.0	.8
OTHER NONDURABLE GOODS	2.0	2.0	1.7	.0	.3
NONMANUFACTURING	507.9	511.7	484.1	- 3.8	23.8
MINING	0.6	0.6	0.6	.0	.0
CONSTRUCTION	34.4	33.9	30.1	.5	4.3
TRANSPORTATION & PUBLIC UTILITIES	37.5	37.3	35.9	.2	1.6
TRANSPORTATION BY AIR	10.4	10.4	10.2	.0	.2
ELECTRIC, GAS & SANITARY SERVICES	3.9	3.9	3.9	.0	.0
WHOLESALE & RETAIL TRADE	123.7	123.7	116.3	.0	7.4
WHOLESALE TRADE	25.1	25.0	23.6	.1	1.5
RETAIL TRADE	98.6	98.6	92.7	.0	5.9
GENERAL MERCHANDISE STORES	12.1	12.1	11.7	.0	.4
FOOD STORES	11.8	11.7	11.4	.1	.4
AUTOMOTIVE DEALERS AND SERVICE STATIONS	12.6	12.6	12.3	.0	.3
APPAREL & ACCESSORY STORES	6.1	6.2	6.1	- .1	.0
FINANCE, INSURANCE AND REAL ESTATE	33.0	32.7	31.4	.3	1.6
BANKING	6.0	6.1	6.1	- .1	- .1
SERVICES	158.3	157.6	149.6	.7	8.7
BUSINESS SERVICES	62.5	62.2	58.3	.3	4.2
GOVERNMENT	120.5	126.0	120.4	- 5.5	.1
FEDERAL GOVERNMENT	72.2	72.0	70.4	.2	1.8
STATE & LOCAL GOVERNMENT	48.3	54.0	50.0	- 5.7	- 1.7

The Northern Virginia Area covers the cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, and Prince William.

NOTE: The category "Other Durable Goods" includes the lumber and wood products, furniture and fixtures, primary metal, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the tobacco, textile mill products, apparel and other textile products, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-12.

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATIST

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JULY 1984	JUNE 1984	JULY 1983	JUNE 1984	JULY 1983
TOTAL NONAGRICULTURAL	40.0	41.3	41.1	- 1.3	- 1.1
MANUFACTURING	7.0	7.8	7.8	.0	- .8
DURABLE GOODS	1.9	2.0	2.0	- .1	- .1
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	0.2	0.3	0.4	- .1	- .2
STONE, CLAY & GLASS PRODUCTS	0.2	0.2	0.2	.0	.0
FABRICATED METAL PRODUCTS	0.1	0.1	0.2	.0	- .1
OTHER DURABLE GOODS	1.4	1.3	1.3	.1	.1
NONDURABLE GOODS	5.1	5.8	5.8	.0	- .7
FOOD & KINDRED PRODUCTS	1.3	1.3	1.3	.0	.0
TEXTILE MILL PROD & APPAREL & OTHER TEXTILE PRODUCTS	3.2	3.2	3.3	.0	- .1
CHEMICALS & ALLIED PRODUCTS	2.6	2.6	2.6	.0	.0
OTHER NONDURABLE GOODS	1.9	1.9	2.5	.0	- .6
NONMANUFACTURING	32.9	34.3	33.3	- 1.4	- .4
MINING	0.1	0.1	0.1	.0	.0
CONSTRUCTION	1.9	1.8	1.9	.1	.0
TRANSPORTATION & PUBLIC UTILITIES	1.2	1.2	1.2	.0	.0
WHOLESALE & RETAIL TRADE	8.4	8.3	8.2	.1	.2
WHOLESALE TRADE	1.3	1.2	1.1	.1	.2
RETAIL TRADE	7.1	7.0	7.0	.1	.1
FINANCE, INSURANCE AND REAL ESTATE	1.2	1.2	1.2	.0	.0
SERVICES	7.1	7.0	7.1	.1	.0
GOVERNMENT	13.1	14.7	13.7	- 1.6	- .6
FEDERAL GOVERNMENT	4.9	4.8	4.9	.1	.0
STATE & LOCAL GOVERNMENT	8.1	9.9	8.8	- 1.8	- .7

The Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell, and Petersburg and the counties of Dinwiddie and Prince George.

NOTE: The category "Other Durable Goods" includes the primary metal; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the paper and allied products, printing and publishing, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-13.

RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS JULY 1984	JUNE 1984	JULY 1983	NET CHANGE FROM JUNE 1984	NET CHANGE FROM JULY 1983
TOTAL NONAGRICULTURAL	340.6	344.8	334.1	- 4.2	6.5
MANUFACTURING	56.0	55.8	54.9	.2	1.1
DURABLE GOODS	16.2	16.3	15.8	- .1	1.2
LUMBER AND WOOD PRODUCTS	1.5	1.4	1.4	.1	.1
FURNITURE AND FIXTURES	1.0	1.0	0.8	.0	.2
STONE, CLAY & GLASS PRODUCTS	1.3	1.3	1.1	.0	.2
FABRICATED METAL PRODUCTS	2.0	2.0	1.8	.0	.2
FABRICATED STRUCTURAL METAL PRODUCTS	1.4	1.5	1.4	- .1	.0
MACHINERY EXCEPT ELECTRICAL	2.1	2.1	2.1	.0	.0
OTHER DURABLE GOODS	8.3	8.4	7.6	- .1	.7
NONDURABLE GOODS	39.8	39.5	40.0	.3	- .2
FOOD & KINDRED PRODUCTS	4.0	4.0	3.8	.0	.2
BAKERY PRODUCTS	1.7	1.7	1.5	.0	.2
TOBACCO MANUFACTURES	12.7	12.7	13.6	.0	- .9
APPAREL & OTHER TEXTILE PRODUCTS	2.2	2.2	2.0	.0	.2
PAPER & ALLIED PRODUCTS	4.5	4.4	4.3	.1	.2
PRINTING AND PUBLISHING	6.1	6.0	6.0	.1	.1
COMMERCIAL PRINTING	3.6	3.5	3.5	.1	.1
CHEMICALS & ALLIED PRODUCTS	8.0	7.9	8.1	.1	- .1
OTHER NONDURABLE GOODS	2.3	2.3	2.1	.0	.2
NONMANUFACTURING	284.6	289.0	279.2	- 4.4	5.4
MINING	0.4	0.4	0.3	.0	.1
CONSTRUCTION	17.9	17.5	16.8	.4	1.1
TRANSPORTATION & PUBLIC UTILITIES	20.3	20.4	19.7	- .1	.6
WHOLESALE & RETAIL TRADE	43.6	43.4	40.7	.2	2.9
WHOLESALE TRADE	24.9	25.0	24.3	- .1	.6
RETAIL TRADE	58.7	59.4	56.5	.3	2.2
GENERAL MERCHANDISE STORES	11.1	11.1	10.2	.0	.9
FOOD STORES	9.1	9.7	8.9	.4	.2
AUTOMOTIVE DEALERS AND SERVICE STATIONS	4.8	4.8	4.8	.0	.0
FINANCE, INSURANCE AND REAL ESTATE	28.4	28.3	27.8	.1	.6
INS CARRIERS, AGENTS, BROKERS, & SERVICES	10.2	10.2	10.5	.0	- .3
SERVICES	66.4	66.4	65.8	.0	.6
HEALTH SERVICES	16.8	16.8	17.1	.0	- .3
GOVERNMENT	67.6	72.5	68.0	- 4.9	- .4
FEDERAL GOVERNMENT	10.5	10.5	10.8	.0	- .3
STATE & LOCAL GOVERNMENT	57.1	62.0	58.0	- 4.9	- .9

The Richmond Standard Metropolitan Statistical Area covers the city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent, and Powhatan.

NOTE: The category "Other Durable Goods" includes the primary metal, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the textile mill products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-14.

ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS JULY 1984	JUNE 1984	JULY 1983	NET CHANGE FROM JUNE 1984	NET CHANGE FROM JULY 1983
TOTAL NONAGRICULTURAL	107.1	106.7	103.8	.4	3.3
MANUFACTURING	20.3	20.0	19.7	.3	.6
DURABLE GOODS	11.0	10.8	10.7	.2	.3
FURNITURE AND FIXTURES	1.4	1.4	1.4	.0	.0
PRIMARY METAL INDUSTRY & FABRICATED METAL PRODUCTS	2.6	2.4	2.3	.2	.3
FABRICATED METAL PRODUCTS	1.7	1.5	1.6	.2	.1
FABRICATED STRUCTURAL METAL PRODUCTS	1.3	1.1	1.1	.2	.2
MACHINERY EXCEPT ELECTRICAL	1.3	1.3	1.1	.0	.2
OTHER DURABLE GOODS	5.0	5.0	5.0	.0	- .2
NONDURABLE GOODS	9.3	9.2	9.2	.1	.1
FOOD & KINDRED PRODUCTS	2.1	2.0	1.9	.1	.2
TEXTILE MILL PRODUCTS	1.8	1.8	1.9	.0	- .1
APPAREL & OTHER TEXTILE PRODUCTS	1.8	1.8	1.7	.0	.1
PRINTING AND PUBLISHING	1.0	1.0	0.9	.0	.1
OTHER NONDURABLE GOODS	2.7	2.6	2.5	.1	.2
NONMANUFACTURING	86.8	86.7	84.1	.1	2.7
MINING	0.1	0.1	0.1	.0	.0
CONSTRUCTION	6.0	5.9	5.5	.1	.5
TRANSPORTATION & PUBLIC UTILITIES	8.5	8.4	8.3	.1	.2
WHOLESALE & RETAIL TRADE	28.1	27.9	26.1	.2	2.0
WHOLESALE TRADE	7.5	7.4	6.8	.1	.7
RETAIL TRADE	20.6	20.5	19.3	.1	1.3
FINANCE, INSURANCE AND REAL ESTATE	6.5	6.5	6.3	.0	.2
SERVICES	23.1	22.9	22.9	.2	.2
GOVERNMENT	14.5	15.1	14.9	- .6	- .4
FEDERAL GOVERNMENT	3.3	3.3	3.3	.0	.0
STATE & LOCAL GOVERNMENT	11.2	11.8	11.6	- .6	- .4

The Roanoke Standard Metropolitan Statistical Area covers the cities of Roanoke and Salem and the counties of Botetourt, Craig, and Roanoke.

NOTE: The category "Other Durable Goods" includes the lumber and wood products; stone, clay, and glass; electric and electronic equipment; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.
The category "Other Nondurable Goods" includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

See footnote Table A-1.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C-1.

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1984	JUNE 1984	JULY 1983	JULY 1984	JUNE 1984	JULY 1983	JULY 1984	JUNE 1984	JULY 1983
MANUFACTURING	$326.83	$328.04	$308.63	40.3	40.7	39.9	$8.11	$8.06	$7.72
DURABLE GOODS	326.79	327.95	307.85	40.9	41.2	40.4	7.99	7.96	7.62
LUMBER AND WOOD PRODUCTS	239.79	243.17	226.00	40.3	40.8	40.0	5.95	5.96	5.65
FURNITURE AND FIXTURES	209.21	203.32	197.06	39.4	39.1	39.1	5.31	5.20	5.04
HOUSEHOLD AND OFFICE FURNITURE	208.82	202.80	196.56	39.4	39.0	39.0	5.30	5.20	5.04
STONE, CLAY & GLASS PRODUCTS	311.68	306.34	280.76	41.7	40.9	39.6	7.46	7.49	7.09
PRIMARY METAL INDUSTRIES	395.40	379.54	362.45	42.7	41.8	40.6	9.26	9.08	9.42
FABRICATED METAL PRODUCTS	377.50	378.84	367.79	42.8	42.0	41.7	8.82	9.02	8.82
FABRICATED STRUCTURAL METAL PRODUCTS	343.01	340.56	340.20	43.2	43.0	42.9	7.94	7.92	7.93
MACHINERY EXCEPT ELECTRICAL	336.61	341.11	320.80	40.9	41.7	40.1	8.23	8.18	8.00
CONSTRUCTION AND RELATED MACHINERY	320.26	356.16	329.64	39.2	42.4	40.2	8.17	8.40	8.20
SPECIAL INDUSTRY MACHINERY	371.55	373.82	328.68	39.7	39.6	35.7	9.37	9.44	9.19
ELECTRIC & ELECTRONIC EQUIPMENT	356.13	349.03	326.82	41.7	41.9	40.1	8.54	8.33	8.15
COMMUNICATION EQUIPMENT	384.14	373.51	341.82	42.4	42.3	40.5	9.06	8.83	8.44
INSTRUMENTS & RELATED PRODUCTS	191.42	204.45	236.61	28.7	31.6	39.7	6.67	6.47	5.96
MISC. MANUFACTURING INDUSTRIES	249.08	247.01	263.74	39.6	39.0	41.6	6.29	6.59	6.34
NONDURABLE GOODS	326.76	327.22	307.32	39.8	40.2	39.4	8.21	8.14	7.80
FOOD & KINDRED PRODUCTS	299.89	301.72	276.61	40.2	39.7	39.8	7.46	7.60	6.95
TEXTILE MILL PRODUCTS	247.54	257.15	234.35	38.2	39.5	38.8	6.48	6.51	6.04
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	271.48	277.17	255.15	40.1	40.7	40.5	6.77	6.81	6.30
KNITTING MILLS	225.72	227.50	208.87	36.0	36.4	36.2	6.27	6.25	5.77
YARN AND THREAD MILLS	242.78	256.23	226.40	41.5	43.4	38.9	5.85	5.95	5.82
MISC. TEXTILE GOODS	276.87	287.10	276.66	42.4	43.5	43.5	6.53	6.60	6.36
APPAREL & OTHER TEXTILE PRODUCTS	181.86	185.08	181.02	36.3	37.4	37.4	5.01	4.97	4.84
MENS & BOYS SUITS, COATS AND FURNISHINGS	194.92	208.62	207.48	35.7	38.0	39.0	5.46	5.49	5.32
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	170.50	167.97	161.45	36.2	36.2	36.2	4.71	4.64	4.46
PAPER & ALLIED PRODUCTS	435.87	426.43	413.55	42.4	42.8	41.9	10.28	10.01	9.87
PULP, PAPER & PAPERBOARD	526.81	516.83	489.83	42.9	43.3	42.3	12.28	11.98	11.58
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	362.52	351.07	341.96	42.4	42.4	41.3	8.55	8.28	8.28
PRINTING AND PUBLISHING	301.68	273.01	359.58	39.8	35.1	39.0	5.59	9.54	9.22
NEWSPAPER AND PERIODICALS	300.32	305.26	278.70	34.8	34.8	33.7	8.63	8.77	8.27
CHEMICALS & ALLIED PRODUCTS	426.59	431.59	421.46	40.9	41.3	40.8	10.43	10.45	10.33
PLASTICS MATERIALS AND SYNTHETICS	463.27	468.42	434.02	41.4	41.6	41.1	11.19	11.26	10.56
LEATHER & LEATHER PRODUCTS	175.28	173.82	158.90	39.3	39.0	37.3	4.46	4.38	4.26

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES

BRISTOL METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1984	JUNE 1984	JULY 1983	JULY 1984	JUNE 1984	JULY 1983	JULY 1984	JUNE 1984	JULY 1983
MANUFACTURING	$278.66	$278.94	$259.25	40.8	40.9	38.7	$6.83	$6.82	$6.70
DURABLE GOODS	328.79	331.08	317.60	42.7	42.5	41.9	7.70	7.79	7.58
FABRICATED METAL PRODUCTS	432.25	411.35	405.10	47.5	41.3	43.7	9.10	9.96	9.27
MACHINERY & TRANSPORTATION EQUIPMENT	295.89	303.89	296.77	39.4	41.8	42.7	7.51	7.27	6.95
NONDURABLE GOODS	209.28	206.27	183.73	37.9	38.7	34.6	5.39	5.33	5.31
FOOD & KINDRED PRODUCTS	227.48	222.39	213.75	35.6	35.3	37.5	6.39	6.30	5.70
APPAREL & OTHER TEXTILE PRODUCTS	181.17	188.24	133.11	39.3	41.1	29.0	4.61	4.58	4.59

Data for the Bristol, Virginia Area (city of Bristol and the counties of Scott and Washington) cover approximately 7,200 production workers.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES

CHARLOTTESVILLE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1984	JUNE 1984	JULY 1983	JULY 1984	JUNE 1984	JULY 1983	JULY 1984	JUNE 1984	JULY 1983
MANUFACTURING	$276.98	$284.13	$244.30	40.2	41.0	37.7	$6.89	$6.93	$6.48
DURABLE GOODS	292.25	301.76	260.94	39.6	41.0	36.7	7.38	7.36	7.11
LUMBER AND WOOD PRODUCTS	191.44	223.55	172.97	37.1	42.5	38.1	5.16	5.26	4.54
ELECTRIC & ELECTRONIC EQUIPMENT	300.49	314.23	265.71	39.8	41.4	36.2	7.55	7.59	7.34
NONDURABLE GOODS	248.21	253.16	216.31	41.3	41.1	39.4	6.01	6.16	5.49
PRINTING AND PUBLISHING	260.95	303.96	249.01	35.6	42.1	37.0	7.33	7.22	6.73

Data for the Charlottesville Standard Metropolitan Statistical Area (city of Charlottesville and the counties of Albemarle, Fluvanna, and Greene) cover approximately 6,300 production workers.

See footnote Table C-1.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES

DANVILLE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1984	JUNE 1984	JULY 1983	JULY 1984	JUNE 1984	JULY 1983	JULY 1984	JUNE 1984	JULY 1983
MANUFACTURING	$301.78	$307.02	$301.81	39.5	41.1	41.4	$7.64	$7.47	$7.29
DURABLE GOODS	279.75	290.08	276.36	38.8	39.2	39.2	7.21	7.40	7.05
LUMBER AND WOOD PRODUCTS	184.09	180.81	178.86	37.8	36.9	38.3	4.87	4.90	4.67
FABRICATED METAL PRODUCTS	245.00	271.55	195.30	39.2	42.1	37.2	6.25	6.45	5.25
MACHINERY EXCEPT ELECTRICAL	240.08	245.25	242.19	40.9	38.5	38.2	5.87	6.37	6.34
NONDURABLE GOODS	307.28	311.58	306.39	39.7	41.6	41.8	7.74	7.49	7.33
APPAREL & OTHER TEXTILE PRODUCTS	1/ 256.54	256.31	226.85	1/ 40.4	40.3	35.5	6.35	6.36	6.39

Data for the Danville Standard Metropolitan Statistical Area (city of Danville and the county of Pittsylvania) cover approximately 16,500 production workers.

1/ 1984 data not comparable with prior years.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES

LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1984	JUNE 1984	JULY 1983	JULY 1984	JUNE 1984	JULY 1983	JULY 1984	JUNE 1984	JULY 1983
MANUFACTURING	$307.49	$303.28	$295.94	40.3	39.8	40.1	$7.63	$7.62	$7.38
DURABLE GOODS	326.75	323.20	312.73	41.1	40.4	40.3	7.95	8.00	7.76
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	195.08	193.83	192.47	37.3	35.5	37.3	5.23	5.46	5.16
NONDURABLE GOODS	281.66	275.80	275.71	39.2	38.9	39.9	7.17	7.09	6.91
FOOD & KINDRED PRODUCTS	315.87	338.24	334.06	38.9	39.7	44.9	8.12	8.52	7.44
TEXTILE MILL PRODUCTS	303.52	265.95	264.81	44.9	39.4	41.9	6.76	6.75	6.32
APPAREL & OTHER TEXTILE PRODUCTS	130.23	147.30	139.61	29.2	33.1	31.8	4.46	4.45	4.39
PAPER & ALLIED PRODUCTS	491.39	459.70	402.70	47.7	47.1	45.4	10.31	9.76	8.87

Data for the Lynchburg Standard Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst, Appomattox, and Campbell) cover approximately 19,000 production workers.

See footnote Table C-1.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1984	JUNE 1984	JULY 1983	JULY 1984	JUNE 1984	JULY 1983	JULY 1984	JUNE 1984	JULY 1983
MANUFACTURING	$350.70	$361.25	$345.46	41.7	42.4	43.4	$8.41	$8.52	$7.96
DURABLE GOODS	380.80	350.96	381.33	42.5	43.2	44.6	8.96	9.05	8.55
LUMBER AND WOOD PRODUCTS	260.83	243.36	224.17	41.8	39.7	37.3	6.24	6.13	6.01
STONE, CLAY & GLASS PRODUCTS	311.19	330.71	326.96	41.0	43.4	46.5	7.59	7.62	7.03
FABRICATED METAL PRODUCTS	242.87	254.64	283.84	39.3	40.1	43.4	6.18	6.35	6.54
MACHINERY EXCEPT ELECTRICAL	303.75	282.69	270.78	40.5	39.1	37.4	7.50	7.23	7.24
TRANSPORTATION EQUIPMENT	476.15	506.33	497.99	44.5	47.1	50.1	10.70	10.75	9.94
NONDURABLE GOODS	297.41	305.04	285.38	40.3	41.0	41.3	7.38	7.44	6.91
FOOD & KINDRED PRODUCTS	289.82	304.19	282.86	41.7	41.9	42.6	6.95	7.26	6.64
CHEMICALS & ALLIED PRODUCTS	298.00	295.29	253.92	36.7	38.2	33.5	8.12	7.73	7.58

Data for the Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area (cities of Chesapeake, Norfolk, Portsmouth, Suffolk, and Virginia Beach, Virginia and the county of Currituck, North Carolina) cover approximately 21,300 production workers.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1984	JUNE 1984	JULY 1983	JULY 1984	JUNE 1984	JULY 1983	JULY 1984	JUNE 1984	JULY 1983
MANUFACTURING	$346.50	$341.82	$350.26	39.6	39.7	41.5	$8.75	$8.59	$8.44
DURABLE GOODS	334.53	336.42	323.45	41.3	42.0	43.3	8.10	8.01	7.47
STONE, CLAY & GLASS PRODUCTS	241.11	346.34	279.16	40.5	42.6	40.4	8.42	8.13	6.91
FABRICATED METAL PRODUCTS	400.04	384.55	350.26	45.1	44.1	42.2	8.87	8.72	8.30
ELECTRIC & ELECTRONIC EQUIPMENT	301.10	304.30	339.15	40.2	40.9	45.1	7.49	7.44	7.52
NONDURABLE GOODS	365.81	350.85	385.92	37.1	36.2	39.1	9.86	9.67	9.87
FOOD & KINDRED PRODUCTS	1/ 335.86	348.89	324.95	1/ 42.3	42.6	41.5	7.94	8.19	7.83

Data for the Northern Virginia Area (cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park and the counties of Arlington, Fairfax, Loudoun, and Prince William) cover approximately 12,000 production workers.

See footnote Table C-1.

1/ 1984 data not comparable with prior years.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1984	JUNE 1984	JULY 1983	JULY 1984	JUNE 1984	JULY 1983	JULY 1984	JUNE 1984	JULY 1983
MANUFACTURING	$414.87	$420.66	$369.15	39.7	41.1	37.9	$10.45	$10.24	$9.74
DURABLE GOODS	218.78	232.75	217.01	33.3	37.3	39.1	6.57	6.24	5.55
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	314.14	241.25	229.64	45.2	39.1	40.5	6.95	6.17	5.67
NONDURABLE GOODS	493.22	500.02	422.63	42.3	42.7	37.5	11.66	11.71	11.27
FOOD & KINDRED PRODUCTS	249.61	282.10	227.76	37.2	43.2	36.5	6.71	6.53	6.24
CHEMICALS & ALLIED PRODUCTS	524.58	532.98	491.78	41.6	42.0	39.5	12.61	12.69	12.45

Data for the Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area (cities of Colonial Heights, Hopewell, and Petersburg and the counties of Dinwiddie and Prince George) cover approximately 5,400 production workers.

Table C-9.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1984	JUNE 1984	JULY 1983	JULY 1984	JUNE 1984	JULY 1983	JULY 1984	JUNE 1984	JULY 1983
MANUFACTURING	$425.14	$418.99	$406.61	40.8	40.6	39.4	$10.42	$10.32	$10.32
DURABLE GOODS	372.24	358.66	347.77	42.3	41.9	39.7	8.80	8.56	8.76
LUMBER AND WOOD PRODUCTS	1/ 206.86	210.84	215.35	40.8	41.1	36.5	1/ 5.07	5.13	5.90
FURNITURE AND FIXTURES	187.86	214.50	192.88	32.9	38.1	36.6	5.71	5.63	5.27
FABRICATED METAL PRODUCTS	1/ 369.92	354.38	388.85	41.8	41.4	38.5	1/ 8.85	8.56	10.10
FABRICATED STRUCTURAL METAL PRODUCTS	1/ 364.66	355.01	423.94	41.0	40.9	38.4	1/ 8.88	8.68	11.04
NONDURABLE GOODS	444.40	439.50	422.97	40.4	40.1	39.2	11.00	10.96	10.79
FOOD & KINDRED PRODUCTS	310.78	292.95	271.57	40.1	37.8	37.1	7.75	7.75	7.32
APPAREL & OTHER TEXTILE PRODUCTS	207.36	203.41	191.59	40.9	40.2	39.1	5.07	5.06	4.90
PAPER & ALLIED PRODUCTS	413.84	405.41	408.96	42.1	42.9	42.6	9.83	9.45	9.60
PRINTING AND PUBLISHING	474.73	443.90	416.03	42.5	40.8	38.7	11.17	10.88	10.75
CHEMICALS & ALLIED PRODUCTS	464.42	479.86	457.60	41.1	41.8	41.3	11.30	11.48	11.08

Data for the Richmond Standard Metropolitan Statistical Area (city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent, and Powhatan) cover approximately 37,600 production workers.

See footnote Table C-1.

1/ 1984 data not comparable with prior years.

Table C-10.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JULY 1984	JUNE 1984	JULY 1983	JULY 1984	JUNE 1984	JULY 1983	JULY 1984	JUNE 1984	JULY 1983
MANUFACTURING	$299.43	$294.18	$278.50	40.3	39.7	39.9	$7.43	$7.41	$6.98
DURABLE GOODS	309.82	300.44	281.39	41.2	41.1	39.3	7.52	7.31	7.16
FABRICATED METAL PRODUCTS	294.70	279.86	272.57	42.1	40.5	40.5	7.00	6.91	6.73
FABRICATED STRUCTURAL METAL PRODUCTS	305.36	297.11	256.86	44.0	43.5	43.4	6.94	6.83	6.84
NONDURABLE GOODS	287.28	287.27	275.00	39.3	38.1	40.5	7.31	7.54	6.79
FOOD & KINDRED PRODUCTS	332.31	338.12	331.85	41.8	42.8	42.6	7.95	7.90	7.79
TEXTILE MILL PRODUCTS	1/ 245.03	262.66	220.19	1/ 38.1	40.1	40.7	1/ 6.51	6.55	5.41

Data for the Roanoke Standard Metropolitan Statistical Area (cities of Roanoke and Salem and the counties of Botetourt, Craig, and Roanoke) cover approximately 14,000 production workers.

See footnote Table C-1.

1/ 1984 data not comparable with prior years.

CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS
U. S. CITY AVERAGE

ALL ITEMS -- (1967=100)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	AVG.	ANNUAL AVERAGE PERCENT CHANGE
1970	113.3	113.9	114.5	115.2	115.7	116.3	116.7	116.9	117.5	118.1	118.5	119.1	116.3	5.9
1971	119.2	119.4	119.8	120.2	120.8	121.5	121.8	122.1	122.2	122.4	122.6	123.1	121.3	4.3
1972	123.2	123.8	124.0	124.3	124.7	125.0	125.5	125.7	126.2	126.6	126.9	127.3	125.3	3.3
1973	127.7	128.6	129.8	130.7	131.5	132.4	132.7	135.1	135.5	136.6	137.6	138.5	133.1	6.2
1974	139.7	141.5	143.1	143.9	145.5	146.9	148.0	149.9	151.7	153.0	154.3	155.4	147.7	11.1
1975	156.1	157.2	157.8	158.6	159.3	160.6	162.3	162.8	163.6	164.6	165.6	166.3	161.2	9.1
1976	166.7	167.1	167.5	168.2	169.2	170.1	171.1	171.9	172.6	173.3	173.8	174.3	170.5	5.8
1977	175.3	177.1	178.2	179.6	180.6	181.8	182.6	183.3	184.0	184.5	185.4	186.1	181.5	6.4
1978	187.2	188.4	189.8	191.5	193.3	195.3	196.7	197.8	199.3	200.9	202.0	202.9	195.4	7.7
1979	204.7	207.1	209.1	211.5	214.1	216.6	218.9	221.1	223.4	225.4	227.5	229.9	217.4	11.3
1980	233.2	236.4	239.8	242.5	244.9	247.6	247.8	249.4	251.7	253.9	256.2	258.4	246.8	13.5
1981	260.5	263.2	265.1	266.8	269.0	271.3	274.4	276.5	279.3	279.9	280.7	281.5	272.4	10.4
1982	282.5	283.4	283.1	284.3	287.1	290.6	292.2	292.8	293.3	294.1	293.6	292.4	289.1	6.1
1983	293.1	293.2	293.4	295.5	297.1	298.1	299.3	300.3	301.8	302.6	303.1	303.5	298.4	3.2
1984	305.2	306.6	307.3	308.8	309.7	310.7	311.7							

SOURCE: U. S. Department of Labor, Bureau of Labor Statistics

Table D-1.

SEASONALLY ADJUSTED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA
(In Thousands)

SEASONALLY ADJUSTED	JULY 1984	JUNE 1984	JULY 1983	JUNE 1983
TOTAL NONAGRICULTURAL	2,276.5	2,290.2	2,205.8	2,208.9
MANUFACTURING	415.1	412.9	404.3	401.2
DURABLE GOODS	195.0	195.0	185.4	183.2
LUMBER AND WOOD PRODUCTS	22.4	22.5	21.4	21.0
FURNITURE AND FIXTURES	24.4	24.5	24.3	23.4
HOUSEHOLD AND OFFICE FURNITURE	23.6	23.5	23.3	22.3
STONE, CLAY & GLASS PRODUCTS	13.1	13.2	12.3	12.2
PRIMARY METAL INDUSTRIES	11.2	11.2	10.4	10.1
FABRICATED METAL PRODUCTS	18.6	18.6	18.2	18.3
FABRICATED STRUCTURAL METAL PRODUCTS	11.4	11.3	11.4	11.4
MACHINERY EXCEPT ELECTRICAL	15.8	15.8	13.0	12.8
CONSTRUCTION AND RELATED MACHINERY	3.8	3.8	3.1	3.1
SPECIAL INDUSTRY MACHINERY	1.5	1.5	1.6	1.6
ELECTRIC & ELECTRONIC EQUIPMENT	39.7	39.9	37.7	37.6
COMMUNICATION EQUIPMENT	12.9	12.9	12.5	12.2
TRANSPORTATION EQUIPMENT	42.4	43.6	41.0	41.5
INSTRUMENTS & RELATED PRODUCTS	3.5	3.4	3.4	3.4
MISC. MANUFACTURING INDUSTRIES	2.9	2.7	2.8	2.7
NONDURABLE GOODS	220.2	218.9	219.1	218.6
FOOD & KINDRED PRODUCTS	38.2	38.1	38.5	38.9
TOBACCO MANUFACTURES	14.1	14.2	17.0	17.2
CIGARETTES	12.4	12.4	14.4	14.6
TEXTILE MILL PRODUCTS	44.3	43.4	43.7	43.5
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	16.8	16.9	17.3	17.4
KNITTING MILLS	17.5	16.9	16.9	16.9
YARN AND THREAD MILLS	2.9	2.7	2.6	2.5
APPAREL & OTHER TEXTILE PRODUCTS	31.2	31.5	30.9	30.8
MENS & BOYS SUITS, COATS AND FURNISHINGS	10.0	10.4	10.5	10.4
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	17.0	16.8	16.7	16.6
PAPER & ALLIED PRODUCTS	15.4	15.3	14.6	14.8
PULP, PAPER & PAPERBOARD	7.8	7.8	7.6	7.7
PRINTING AND PUBLISHING	29.9	29.8	29.2	29.2
NEWSPAPER AND PERIODICALS	9.9	9.8	9.4	9.4
CHEMICALS & ALLIED PRODUCTS	32.5	32.1	32.4	32.1
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	14.5	14.3	12.9	12.8
LEATHER & LEATHER PRODUCTS	3.3	3.3	3.4	3.4
MINING	19.7	19.9	17.6	17.9
BITUMINOUS COAL AND LIGNITE MINING	17.0	17.3	15.1	15.4
CONSTRUCTION	128.7	127.3	114.5	113.0
TRANSPORTATION & PUBLIC UTILITIES	125.3	124.3	120.2	119.0
RAILROAD TRANSPORTATION	14.3	14.1	13.3	13.1
TRUCKING & WAREHOUSING	28.9	28.7	26.7	26.4
TRANSPORTATION BY AIR	13.8	13.8	13.5	13.4
COMMUNICATION	35.1	34.9	34.0	34.0
ELECTRIC, GAS & SANITARY SERVICES	18.9	18.9	18.9	18.6
WHOLESALE & RETAIL TRADE	508.8	505.0	478.3	477.0
WHOLESALE TRADE	113.0	112.9	109.1	108.9
WHOLESALE TRADE - DURABLE GOODS	71.9	70.7	67.9	67.7
WHOLESALE TRADE - NONDURABLE GOODS	41.4	41.6	41.2	41.3
RETAIL TRADE	395.8	392.8	369.2	368.0
GENERAL MERCHANDISE STORES	57.6	58.5	53.8	54.0
FOOD STORES	63.8	63.1	61.6	61.2
AUTOMOTIVE DEALERS AND SERVICE STATIONS	47.7	47.5	45.4	44.8
FURNITURE AND HOME FURNISHING STORES	20.3	20.1	18.2	18.2
MISCELLANEOUS RETAIL	31.1	30.1	47.9	47.8
FINANCE, INSURANCE AND REAL ESTATE	116.4	115.8	110.9	110.1
BANKING	33.9	34.2	33.2	33.3
INSURANCE CARRIERS	20.6	20.6	20.7	20.6
REAL ESTATE	30.1	29.4	27.9	27.6
SERVICES	470.1	471.9	460.8	458.9
PERSONAL SERVICES	27.6	27.7	26.8	26.3
BUSINESS SERVICES	108.7	108.2	103.1	103.2
HEALTH SERVICES	119.9	119.4	119.0	118.9
GOVERNMENT	490.5	511.4	498.7	509.6
FEDERAL GOVERNMENT	164.0	163.3	162.7	161.7
STATE & LOCAL GOVERNMENT	326.7	348.1	336.5	347.8

Current month's estimates are preliminary and have been adjusted to first quarter 1983 benchmark levels.

Table D-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, SEASONALLY ADJUSTED
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1974 – 1983
JANUARY 1980 TO DATE
(IN THOUSANDS)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services	Government 1/
Annual Average									
1974	1,804.8	402.0	18.1	133.4	107.4	368.6	84.4	286.4	404.7
1975	1,778.8	371.5	20.9	112.2	102.6	368.0	84.0	296.9	421.6
1976	1,842.3	387.8	21.8	111.8	104.3	383.7	86.3	312.9	432.8
1977	1,930.6	401.0	21.9	113.7	105.9	399.4	90.3	324.9	454.8
1978	2,033.0	409.4	20.4	129.8	107.5	428.0	97.1	357.8	482.7
1979	2,098.6	413.2	24.2	135.2	114.3	440.0	103.4	383.6	493.6
1980	1,156.7	413.7	22.7	128.5	115.8	451.1	105.9	408.2	511.0
1981	2,160.0	413.9	21.3	115.8	116.6	462.8	106.2	418.3	509.6
1982	2,129.4	397.7	22.9	100.4	117.2	456.7	105.6	428.0	501.2
1983	2,195.6	400.3	17.5	112.5	119.2	475.5	109.7	457.5	503.1
1980:									
January	2,133.5	417.9	22.1	136.1	114.1	446.3	105.6	398.2	503.1
February	2,141.7	419.2	22.9	133.6	114.4	448.0	105.4	399.3	504.3
March	2,143.0	420.1	23.3	130.7	114.2	448.2	105.6	399.4	505.1
April	2,158.6	416.9	23.9	131.4	116.4	450.2	105.7	404.6	508.4
May	2,160.8	415.1	23.9	130.4	116.1	540.2	105.9	406.3	510.2
June	2,157.5	412.0	23.6	128.8	115.4	449.8	106.2	409.1	511.6
July	2,150.8	405.3	22.9	127.0	115.8	450.6	106.2	409.7	511.7
August	2,164.0	409.9	22.1	126.5	116.4	452.8	106.3	411.9	514.9
September	2,166.0	409.8	22.0	125.8	116.1	453.4	105.9	412.3	517.5
October	2,167.5	412.2	21.9	124.9	116.5	453.3	105.9	415.8	514.5
November	2,168.4	413.0	21.9	123.8	116.9	454.0	106.0	414.7	514.8
December	2,168.3	413.4	22.0	122.9	117.1	455.7	106.4	417.0	516.3
1981:									
January	2,149.8	413.7	22.3	119.2	115.7	456.1	105.9	412.0	513.5
February	2,162.6	413.0	23.5	120.2	116.3	460.8	105.7	411.8	514.2
March	2,166.0	415.2	23.8	120.5	116.0	459.7	106.3	412.2	513.7
April	2,155.3	414.2	13.5	118.8	115.4	459.7	106.8	415.3	513.0
May	2,152.0	415.0	13.6	116.9	115.2	459.5	106.1	417.2	510.7
June	2,165.0	414.7	23.0	116.4	116.4	463.4	106.2	417.9	508.9
July	2,162.4	413.0	22.8	115.1	117.4	464.1	106.3	418.7	506.2
August	2,161.3	412.0	22.5	113.9	117.4	464.9	106.3	422.1	504.7
September	2,164.8	412.0	22.7	113.4	117.5	466.3	106.5	423.6	504.6
October	2,162.7	407.8	22.6	112.7	117.8	467.1	106.5	421.7	508.2
November	2,162.1	406.7	22.9	111.5	117.5	466.0	106.2	422.9	509.4
December	2,156.2	405.7	22.5	111.1	117.3	465.8	106.0	424.3	507.4
1982:									
January	2,130.1	403.2	23.8	102.3	118.3	457.4	105.8	426.0	501.3
February	2,144.2	402.8	24.9	104.3	118.5	460.4	105.9	428.3	500.9
March	2,140.4	400.2	25.3	103.2	117.8	458.4	105.9	427.4	502.9
April	2,135.4	400.0	25.4	101.5	117.8	456.4	105.7	425.2	501.6
May	2,132.0	397.9	25.0	100.9	118.2	456.3	105.5	424.8	500.8
June	2,126.7	398.7	23.8	99.1	116.9	456.7	104.9	424.6	501.8
July	2,126.4	398.0	22.7	99.0	116.3	456.8	104.9	425.7	504.5
August	2,126.0	397.0	21.7	98.7	116.7	455.3	104.9	425.6	506.3
September	2,124.5	396.1	21.3	98.5	116.8	455.3	105.6	427.9	501.1
October	2,121.7	394.5	21.0	99.0	116.6	455.8	105.5	431.1	497.1
November	2,125.9	393.2	20.1	99.9	116.6	456.2	106.3	434.3	498.0
December	2,119.5	391.9	20.0	98.4	116.5	454.9	106.0	434.9	498.0
1983:									
January	2,149.4	392.5	16.8	106.5	119.1	465.6	107.2	451.2	501.0
February	2,156.9	392.7	17.3	106.2	118.3	463.7	107.5	451.0	504.0
March	2,165.5	394.2	17.5	106.2	119.3	467.4	107.7	451.7	502.3
April	2,178.1	397.2	17.9	108.7	119.3	471.2	108.6	452.4	501.1
May	2,191.1	399.9	18.0	110.7	119.6	474.5	109.1	454.7	502.2
June	2,208.9	404.6	17.9	113.0	119.0	477.0	110.1	458.5	509.6
July	2,205.8	406.3	17.6	114.5	120.2	478.3	110.9	460.8	498.7
August	2,191.7	405.0	17.3	115.2	108.8	480.2	111.2	459.5	495.0
September	2,214.8	405.3	17.4	115.9	120.9	480.4	110.0	460.8	503.5
October	2,225.3	407.9	17.5	116.8	121.9	480.6	111.2	462.2	507.2
November	2,228.8	409.1	17.6	117.8	121.4	482.2	111.3	463.1	506.4
December	2,230.9	406.0	17.7	118.7	122.6	485.3	111.8	464.5	506.2
1984:									
January	2,245.6	409.9	17.8	124.3	121.4	491.0	113.4	468.6	511.1
February	2,267.2	411.8	19.2	125.5	122.9	498.8	114.1	470.3	510.3
March	2,267.5	412.3	19.5	122.9	122.6	500.8	113.8	467.8	510.4
April	2,276.4	412.9	19.7	123.9	123.9	501.8	114.7	467.8	508.9
May	2,286.1	413.5	19.9	125.0	124.1	503.7	114.9	469.5	510.2
June	2,290.2	412.9	19.9	127.3	124.3	505.0	115.8	471.9	511.4
July	2,276.5	415.1	19.7	128.7	125.3	508.8	116.4	470.1	490.5

See footnote Table D-1.

Table D-3.

SEASONALLY ADJUSTED WEEKLY HOURS OF VIRGINIA MANUFACTURING PRODUCTION WORKERS

SEASONALLY ADJUSTED	JULY 1984	JUNE 1984	JULY 1983	JUNE 1983
MANUFACTURING	40.5	40.2	40.1	40.1
DURABLE GOODS	41.3	40.9	40.9	41.0
LUMBER AND WOOD PRODUCTS	40.3	39.4	40.0	39.5
FURNITURE AND FIXTURES	39.0	38.5	38.6	38.8
HOUSEHOLD AND OFFICE FURNITURE	39.0	38.4	38.7	38.6
STONE, CLAY & GLASS PRODUCTS	43.0	40.0	40.8	40.3
PRIMARY METAL INDUSTRIES	43.5	41.3	41.3	41.9
FABRICATED METAL PRODUCTS	42.6	42.0	41.5	40.6
FABRICATED STRUCTURAL METAL PRODUCTS	42.6	43.3	42.3	41.3
MACHINERY EXCEPT ELECTRICAL	41.7	42.2	40.8	40.6
CONSTRUCTION AND RELATED MACHINERY	39.0	43.5	40.0	40.4
SPECIAL INDUSTRY MACHINERY	43.6	39.6	39.1	38.5
ELECTRIC & ELECTRONIC EQUIPMENT	42.5	42.1	40.8	40.2
COMMUNICATION EQUIPMENT	43.0	42.6	41.1	40.4
INSTRUMENTS & RELATED PRODUCTS	29.3	31.4	40.3	39.6
MISC. MANUFACTURING INDUSTRIES	38.8	38.6	40.9	40.6
NONDURABLE GOODS	39.8	39.6	39.5	39.3
FOOD & KINDRED PRODUCTS	39.6	38.3	39.2	39.2
TEXTILE MILL PRODUCTS	38.3	39.2	38.9	39.2
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	40.2	40.8	40.6	40.9
KNITTING MILLS	35.7	35.8	35.7	36.2
YARN AND THREAD MILLS	42.3	43.5	39.6	40.7
APPAREL & OTHER TEXTILE PRODUCTS	36.1	36.3	37.3	36.7
MENS & BOYS SUITS, COATS AND FURNISHINGS	34.7	36.0	37.8	37.0
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	36.6	35.5	36.9	36.0
PAPER & ALLIED PRODUCTS	43.7	43.6	43.2	43.1
PULP, PAPER & PAPERBOARD	44.3	44.1	43.6	43.3
PRINTING AND PUBLISHING	39.9	38.7	39.2	38.9
NEWSPAPER AND PERIODICALS	35.4	34.7	34.3	34.0
CHEMICALS & ALLIED PRODUCTS	41.6	41.8	41.6	42.2
LEATHER & LEATHER PRODUCTS	37.8	36.7	36.8	36.9

See footnote Table D-1.

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Employment Commission in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 7,500 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production of nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work, but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Reliability of Employment Estimates. The BLS establishment sample covers approximately 41.9 percent of the total employment for the state. Since small sampling and response errors cumulate over several months, there was a 1.1 percent adjustment in benchmark levels for the first quarter 1983 benchmark.

Seasonal Adjustments. Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are reported more or less regularly each year. The cumulative effects of these events are often large. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally adjusted data to interpret short-term economic developments. Seasonally adjusted estimates of total employment and average weekly hours of production workers in the manufacturing industries are published in this release for the State of Virginia. The seasonal adjustment methods used for these series are an adaptation to the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a federal-state cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

This publication is prepared on a monthly schedule by the Research and Analysis Division of the Virginia Employment Commission for use by private and public sector activities. Comments and suggestions regarding content are welcomed and may be addressed to:

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